



CKET NO: 236518US6YA  
CLIENT REF. PC 264A

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
ANDREJ S. MITROVIC : EXAMINER: SAXENA, A.  
SERIAL NO: 10/673,138 :  
FILED: SEPTEMBER 30, 2003 : GROUP ART UNIT: 2128  
FOR: SYSTEM AND METHOD FOR :  
USING FIRST-PRINCIPLES  
SIMULATION TO FACILITATE A  
SEMICONDUCTOR MANUFACTURING  
PROCESS

AMENDMENT UNDER 37 C. F. R. § 1.111

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated September 11, 2006, please amend/reconsider  
the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on  
page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.